PCT10

RAW SEQUENCE LISTING DATE: 07/29/2002
PATENT APPLICATION: US/10/009,472A TIME: 08:48:57

Input Set : A:\RU-170.ST25.txt
Output Set: N:\CRF3\07292002\J009472A.raw

pb

3 <110> APPLICANT: Lam, Eric
4 Del Pozo, Olga
6 <120> TITLE OF INVENTION: Compositions and Methods for Detection of Active Proteases
8 <130> FILE REFERENCE: RU-0170
C--> 10 **<140> CURRENT APPLICATION NUMBER: US/10/009,472A**
C--> 10 **<141> CURRENT FILING DATE: 2002-03-29**
10 <150> PRIOR APPLICATION NUMBER: 60/132,358
11 <151> PRIOR FILING DATE: 1999-05-04
13 <160> NUMBER OF SEQ ID NOS: 20
15 <170> SOFTWARE: PatentIn version 3.1
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18 <211> LENGTH: 5
19 <212> TYPE: PRT
20 <213> ORGANISM: Artificial Sequence
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23 <223> OTHER INFORMATION: synthetic sequence; caspase-1 cleavage domain
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27 <222> LOCATION: (5)..(5)
28 <223> OTHER INFORMATION: X=any amino acid
31 <400> SEQUENCE: 1
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39 <212> TYPE: PRT
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47 <222> LOCATION: (6)..(6)
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W--> 53 **Val Asp Val Ala Asp Xaa**
54 1 5
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58 <211> LENGTH: 5
59 <212> TYPE: PRT
60 <213> ORGANISM: Artificial Sequence
62 <220> FEATURE:
63 <223> OTHER INFORMATION: synthetic sequence; caspase-3 cleavage domain
65 <220> FEATURE:

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     67 <222> LOCATION: (5)..(5)
     68 <223> OTHER INFORMATION: X=any amino acid
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     74 1               5
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     86 <221> NAME/KEY: MISC_FEATURE
     87 <222> LOCATION: (5)..(5)
     88 <223> OTHER INFORMATION: X=any amino acid
     91 <400> SEQUENCE: 4
W--> 93 Leu Glu Val Asp Xaa
     94 1               5
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    107 <222> LOCATION: (5)..(5)
    108 <223> OTHER INFORMATION: X=any amino acid
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    114 1               5
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    127 <222> LOCATION: (5)..(5)
    128 <223> OTHER INFORMATION: X=any amino acid
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    134 1               5
    137 <210> SEQ ID NO: 7
    138 <211> LENGTH: 6
    139 <212> TYPE: PRT
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     143 <223> OTHER INFORMATION: synthetic sequence; caspase-7 cleavage domain
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     167 <222> LOCATION: (5)..(5)
     168 <223> OTHER INFORMATION: X=any amino acid
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     178 <211> LENGTH: 5
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     180 <213> ORGANISM: Artificial Sequence
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     186 <221> NAME/KEY: MISC_FEATURE
     187 <222> LOCATION: (5)..(5)
     188 <223> OTHER INFORMATION: X=any amino acid
     191 <400> SEQUENCE: 9
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     194 1               5
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     198 <211> LENGTH: 4
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     205 <220> FEATURE:
     206 <221> NAME/KEY: MISC_FEATURE
     207 <222> LOCATION: (4)..(4)
     208 <223> OTHER INFORMATION: X=any amino acid
     211 <400> SEQUENCE: 10
W--> 213 Val Leu Lys Xaa
     214 1
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Input Set : A:\RU-170.ST25.txt
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226 <221> NAME/KEY: MISC_FEATURE
227 <222> LOCATION: (5)..(5)
228 <223> OTHER INFORMATION: X=any amino acid
231 <400> SEQUENCE: 11
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234 1 5
237 <210> SEQ ID NO: 12
238 <211> LENGTH: 8
239 <212> TYPE: PRT
240 <213> ORGANISM: Artificial Sequence
242 <220> FEATURE:
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245 <220> FEATURE:
246 <221> NAME/KEY: MISC_FEATURE
247 <222> LOCATION: (8)..(8)
248 <223> OTHER INFORMATION: X=any amino acid
251 <400> SEQUENCE: 12
W--> 253 **Pro Gln Gly Ile Ala Gly Gln Xaa**
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258 <211> LENGTH: 5
259 <212> TYPE: PRT
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: synthetic sequence; elastase I cleavage domain
265 <220> FEATURE:
266 <221> NAME/KEY: MISC_FEATURE
267 <222> LOCATION: (5)..(5)
268 <223> OTHER INFORMATION: X=any amino acid
271 <400> SEQUENCE: 13
W--> 273 **Ala Ala Pro Val Xaa**
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277 <210> SEQ ID NO: 14
278 <211> LENGTH: 5
279 <212> TYPE: PRT
280 <213> ORGANISM: Artificial Sequence
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287 <222> LOCATION: (5)..(5)
288 <223> OTHER INFORMATION: X=any amino acid
291 <400> SEQUENCE: 14

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PATENT APPLICATION: US/10/009,472A TIME: 08:48:58

Input Set : A:\RU-170.ST25.txt
Output Set: N:\CRF3\07292002\J009472A.raw

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294 1 5
297 <210> SEQ ID NO: 15
298 <211> LENGTH: 4
299 <212> TYPE: PRT
300 <213> ORGANISM: Artificial Sequence
302 <220> FEATURE:
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305 <220> FEATURE:
306 <221> NAME/KEY: MISC_FEATURE
307 <222> LOCATION: (4)..(4)
308 <223> OTHER INFORMATION: X=any amino acid
311 <400> SEQUENCE: 15
W--> 313 Ala Ala Asp Xaa
314 1
317 <210> SEQ ID NO: 16
318 <211> LENGTH: 9
319 <212> TYPE: PRT
320 <213> ORGANISM: Artificial Sequence
322 <220> FEATURE:
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325 <220> FEATURE:
326 <221> NAME/KEY: MISC_FEATURE
327 <222> LOCATION: (9)..(9)
328 <223> OTHER INFORMATION: X=any amino acid
331 <220> FEATURE:
332 <221> NAME/KEY: VARIANT
333 <222> LOCATION: (8)..(8)
334 <223> OTHER INFORMATION: d Arginine
337 <400> SEQUENCE: 16
W--> 339 Pro Gly Gly Ile Ala Gly Gln Arg Xaa
340 1 5
343 <210> SEQ ID NO: 17
344 <211> LENGTH: 4
345 <212> TYPE: PRT
346 <213> ORGANISM: Artificial Sequence
348 <220> FEATURE:
349 <223> OTHER INFORMATION: synthetic sequence; kallicrein cleavage domain
351 <220> FEATURE:
352 <221> NAME/KEY: MISC_FEATURE
353 <222> LOCATION: (4)..(4)
354 <223> OTHER INFORMATION: X=any amino acid
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W--> 359 Pro Phe Arg Xaa
360 1
363 <210> SEQ ID NO: 18
364 <211> LENGTH: 7
365 <212> TYPE: PRT
366 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/29/2002
PATENT APPLICATION: US/10/009,472A TIME: 08:48:59

Input Set : A:\RU-170.ST25.txt
Output Set: N:\CRF3\07292002\J009472A.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 5
Seq#:2; Xaa Pos. 6
Seq#:3; Xaa Pos. 5
Seq#:4; Xaa Pos. 5
Seq#:5; Xaa Pos. 5
Seq#:6; Xaa Pos. 5
Seq#:7; Xaa Pos. 6
Seq#:8; Xaa Pos. 5
Seq#:9; Xaa Pos. 5
Seq#:10; Xaa Pos. 4
Seq#:11; Xaa Pos. 5
Seq#:12; Xaa Pos. 8
Seq#:13; Xaa Pos. 5
Seq#:14; Xaa Pos. 5
Seq#:15; Xaa Pos. 4
Seq#:16; Xaa Pos. 9
Seq#:17; Xaa Pos. 4
Seq#:18; Xaa Pos. 7
Seq#:19; Xaa Pos. 9
Seq#:20; Xaa Pos. 4